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Updated Search
LYCook 3/9/06

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(FILE 'HOME' ENTERED AT 12:09:39 ON 09 MAR 2006)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, JAPIO' ENTERED AT 12:09:56 ON 09 MAR 2006

L1	90681	S ANTIBOD? AND REVIEW
L2	80	S L1 AND (ANTIBOD? USE)
L3	36	S (ANTIBOD? BENEF?)
L4	0	S L2 AND L3
L5	20	DUPLICATE REMOVE L3 (16 DUPLICATES REMOVED)
L6	1	S L5 AND REVIEW?
L7	19	S L5 NOT L6
L8	0	S L1 AND L3
L9	4630	S L1 AND BENEF?
L10	171	S L9 AND ECONOM?
L11	147	DUPLICATE REMOVE L10 (24 DUPLICATES REMOVED)
L12	76	DUPLICATE REMOVE L2 (4 DUPLICATES REMOVED)
L13	0	S L12 AND ECONOM?
L14	0	S (CB10 USE)
L15	0	S (CB10 UTILIT?)
L16	672	S CB10?
L17	381	DUPLICATE REMOVE L16 (291 DUPLICATES REMOVED)
L18	22	S L17 AND ANTIBOD?

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ANSWER 9 OF 76 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2002:424959 BIOSIS
DN PREV200200424959
TI Back to the future: **Antibody**-based strategies for the treatment of infectious diseases.
AU Oral, H. Barbaros [Reprint author]; Ozakin, Cuneyt; Akdis, Cezmi A.
CS Department of Microbiology and Infectious Diseases, Immunology Unit, School of Medicine, Uludag University, Gorukle Campus, 16059, Bursa, Turkey
oralb@uludag.edu.tr
SO Molecular Biotechnology, (July, 2002) Vol. 21, No. 3, pp. 225-239. print. ISSN: 1073-6085.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 7 Aug 2002
Last Updated on STN: 7 Aug 2002
AB Before antibiotics, sera from immune animals and humans were used to treat a variety of infectious diseases, often with successful results. After the discovery of antimicrobial agents, serum therapy for bacterial infections was rapidly forsaken. In the last two decades, problems with treatment of newly emerged, reemerged, or persistent infectious diseases necessitated researchers to develop new and/or improved **antibody**-based therapeutic approaches. This article **reviews** some information on the use of **antibodies** for the treatment of infectious diseases, with special reference to the most seminal discoveries and current advances as well as available treatment approaches in this field.
CC Immunology - General and methods 34502
Pathology - Therapy 12512
Blood - Blood and lymph studies 15002
Blood - Blood cell studies 15004
Pharmacology - General 22002
Pharmacology - Clinical pharmacology 22005
Physiology and biochemistry of bacteria 31000
Virology - Animal host viruses 33506
Medical and clinical microbiology - Bacteriology 36002
Medical and clinical microbiology - Virology 36006
IT Major Concepts
Immune System (Chemical Coordination and Homeostasis); Infection; Pharmacology
IT Parts, Structures, & Systems of Organisms
blood serum: blood and lymphatics, applications
IT Diseases
bacterial infections: bacterial disease, therapy
Bacterial Infections (MeSH)
IT Diseases
viral infections: viral disease, therapy
Virus Diseases (MeSH)
IT Chemicals & Biochemicals
antibiotics: discovery, uses; **antibodies**: preparation, therapeutic uses; antimicrobial agents: discovery, pharmaceutical, uses; immunoglobulins: applications; monoclonal **antibodies**: **uses**; proteins
IT Methods & Equipment
antibody-based infection treatment techniques: Pharmacological/Toxicological Techniques, therapeutic method
IT Miscellaneous Descriptors
clinical microbiology; infection persistence; molecular biotechnology
ORGN Classifier
Animalia 33000
Super Taxa
Animalia
Organism Name

```
         animal
      Taxa Notes
         Animals
ORGN  Classifier
         Bacteria   05000
      Super Taxa
         Microorganisms
      Organism Name
         bacteria: pathogen
      Taxa Notes
         Bacteria, Eubacteria, Microorganisms
ORGN  Classifier
         Hominidae   86215
      Super Taxa
         Primates; Mammalia; Vertebrata; Chordata; Animalia
      Organism Name
         human: host
      Taxa Notes
         Animals, Chordates, Humans, Mammals, Primates, Vertebrates
ORGN  Classifier
         Viruses   03000
      Super Taxa
         Microorganisms
      Organism Name
         animal virus: pathogen
      Taxa Notes
         Microorganisms, Viruses
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